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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/721,201

11/25/2003

Carlos A. Greaves

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06/09/2008

FREESCALE SEMICONDUCTOR, INC.

LAW DEPARTMENT

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EXAMINER

WALSH, JOHN B

ART UNIT

PAPER NUMBER

2151

MAIL DATE

DELIVERY MODE

06/09/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/721,201

Applicant(s)

GREAVES ET AL.

Examiner

John B. Walsh

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 and 9-54 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 24-54 is/are allowed.
- 6) ☒ Claim(s) 1-6, 9, 10 and 20 is/are rejected.
- 7) ☒ Claim(s) 11-19 and 21-23 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SF/08)
Paper No(s)/Mail Date 3/20/08
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6, 9, 10 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,430,184 to Robins et al.

As concerns claim 1, receiving a message (fig. 6 - 351); performing a hash function on the message to provide a hash result (fig. 6 – 356; col. 8, lines 41-43; col. 18, lines 1-7); performing pattern matching on the message to provide a pattern match result (fig. 6 – 357; col. 8, lines 41-43; col. 18, line 21), wherein the pattern match result indicates whether the received message includes a first predetermined pattern, and wherein when the pattern match result indicates that the received message includes the first predetermined pattern, the pattern match result further indicates whether the message having the first predetermined pattern is one of accepted, rejected and neither accepted nor rejected (fig. 6 – flowchart after 357; col. 18, lines 20-40); and selectively accepting the message based at least on the pattern match result (col. 18, lines 20-40).

As concerns claim 2, wherein receiving the message comprises receiving at least a portion of a packet (col. 8, lines 15-19).

As concerns claim 3, wherein the packet is further characterized as an Ethernet packet (col. 8, line 12).

As concerns claim 4, the message comprises a destination address and wherein performing the hash function on the message comprises performing the hash function on the destination address (col. 10, lines 52-53).

As concerns claim 5, wherein selectively accepting the message is based on the pattern match result and the hash result (col. 18, lines 20-40).

As concerns claim 6, wherein the hash result indicates whether the hash function resulted in a hash hit (col. 18, lines 25-30).

As concerns claim 9, the pattern match result indicates whether the received message includes at least one of the first predetermined pattern and a second predetermined pattern (col. 18, lines 20-40).

As concerns claim 10, the pattern match result further indicates whether the message having the at least one of the first predetermined pattern and the second predetermined pattern is one of accepted, rejected and neither accepted nor rejected (fig. 6 – flowchart after 357; col. 18, lines 20-40).

As concerns claim 20, wherein selectively accepting the message based at least on the pattern match result is performed without processor interruption (col. 3, lines 3-14).

Allowable Subject Matter

3. Claims 24-54 are allowed.
4. Claims 11-19 and 21-23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B. Walsh whose telephone number is 571-272-7063. The examiner can normally be reached on Monday-Thursday from 7:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/John B. Walsh/
Primary Examiner, Art Unit 2151